

Notice of Allowability

Application No.

10/609,371

Examiner

Peter K. Huntsinger

Applicant(s)

TAKEDA ET AL.

Art Unit

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to _____.
2. ☒ The allowed claim(s) is/are 23-28 and 32-34.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 6/05, 3/06
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jennifer A. Reda on 6/20/07.

The application has been amended as follows:

In claim 23, change line 9 to:

"if the status of said image forming apparatus is to be detected in ~~the~~ a power saving mode,"

change line 13 to:

"saved when said image forming apparatus is in a the power saving mode,"

In claim 26, change line 8 to:

"a second control unit, if the status of said image forming apparatus is to be detected in ~~the~~ a"

change line 16 to:

"saved when said image forming apparatus is in a the power saving mode, and"

Cancel claims 29-31.

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In claim 32, change line 9 to:

“a second control unit, if the status of said image forming apparatus is to be detected in the a”

change line 17 to:

“saved when said image forming apparatus is in a the power saving mode, and”

2. The following is an examiner's statement of reasons for allowance:

Referring to claim 23, 26, and 32, Collard '037 discloses an image forming apparatus comprising: a communication unit adapted to make communication with an external apparatus; a detection unit adapted to detect a status of said image forming apparatus, said detection unit comprising first detector; a first control unit adapted to process an image to be supplied to an interface for transmission of an image signal; a second control unit adapted to control power supply to said detection unit, if the status of said image forming apparatus is to be detected in the power saving mode, wherein power supply to said detection unit and to said first control unit is saved when said image forming apparatus is in a power saving mode, wherein said communication unit informs the external apparatus of the status of said image forming apparatus detected by said detection unit with the power supply controlled by said second control unit in response to inquiry about the status of said image forming apparatus from the external apparatus received in the power saving mode, and wherein in the power saving mode, said second control unit executes power supply to said first detector to obtain a detection result.

Collard '037 does not disclose a detection unit comprising first and second detectors; a second control unit operating with power supply lower than that of said first control unit, and wherein in the power saving mode, said second control unit executes power supply to said first detector to obtain a detection result and switches between (a) executing power supply to said second detector to enable said second detector to detect the status of said image forming apparatus and (b) stopping power supply to said first detector without enabling said second detector to detect the status of said image forming apparatus, in response to the detection result obtained by said first detector.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Tezuka '005

Hayasaka '750

Tokura '410

Yamada '907

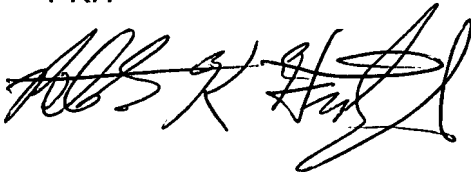
Okimoto '318

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter K. Huntsinger whose telephone number is (571)272-7435. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Moe Aung can be reached on (571)272-7314. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

PKH



AUNG S. MOE
SUPERVISORY PATENT EXAMINER

6/21/07